

REMARKS

Further to the Amendment filed October 13, 2004 and in response to the Examiner's Office Action of July 13, 2004, Applicants hereby amend the currently pending claims to correct minor errors therein.

Initially, Applicants would like to thank the Examiner for his courteousness extended during the Examiner's interview with the undersigned and representatives of Applicants on November 19, 2004.

Claims 3-10, 16-33 and 35-42 are pending for consideration, of which claims 3, 4, 16, 18, and 35 are independent. By this Amendment, claims 3, 4, 16, 18 and 35 are further amended to place them in better condition for consideration and allowance. In view of these actions and the remarks provided in the Amendment filed on October 13, 2004, reconsideration of this application and withdrawal of all pending rejections are now respectfully requested.

As discussed during the interview, the present invention overcomes problems of disclination lines by providing a source wiring that includes a first portion overlapping a gate wiring and second portion overlapping a portion of a pixel electrode wherein the second portion has a width greater than the first portion to obscure the effects of the disclination lines.

These disclination lines can occur while utilizing an inverse driving method. In an inverse driving method, a first video signal having the same polarity is supplied to a first set of pixels connected to the same source signal line, and a second video signal line having an opposing polarity is supplied to a second set of pixels connected to adjacent source signal lines in a one frame period. In succeeding one frame periods, the opposite polarity is supplied to the first set of pixels, while the polarity supplied to the first set of pixels is now supplied to the second set. This is repeated. Reference is made to the attached Drawing to generally show this process (Attachment A). A potential difference can occur between the adjacent pixels as shown in the attached Drawing (Attachment B) that results in the disclination lines being formed, since liquid crystal particles align along the force line created by the generated potential difference.

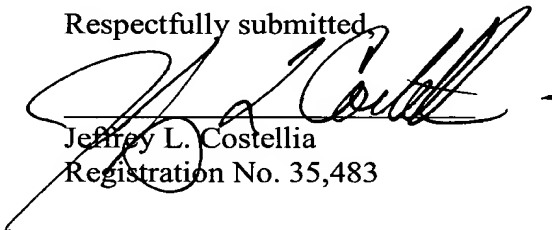
In addition, Applicants file simultaneously herewith an Information Disclosure Statement U.S. Patent No. 6,734,924. This patent was discussed during the interview and filed herewith for the Examiner to provide some further background information on

disclination lines that can occur during the application of inverse driving method. The Examiner's attention is directed, for example, to col. 1, line 43 to col. 2, line 3; col. 5, lines 31-34 and lines 40-42.

U.S. Patent No. 5,852,488 was also referenced during the interview to show overlapping source wiring and pixel electrode, but not a wider source wiring portion as recited in the currently pending claims. This reference was cited in the Information Disclosure Statement filed October 13, 2004.

While the present application is now believed to be in condition for allowance, should the Examiner find some issue to remain unresolved, or should any new issues arise, which could be eliminated through discussions with Applicants' representative, then the Examiner is invited to contact the undersigned by telephone in order that the further prosecution of this application can thereby be expedited.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Jeffrey L. Costellia", is written over a horizontal line.

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